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OM protein - protein search, using sw mode!

For on: January 16, 2003, 16:49:27, Search time: 77143 seconds

(without aliquants)  
32 360 Million cells updated/sec

little, US-09-856-070-21  
Perfect score: 69  
Sequence: 1 ELMEROTER 12

Scoring table: BL2SIM62  
Gapop 10.0 - Gapex: 0.5

Searched: 120491 seqs, 16878514 residues

Total number of hits satisfying chosen parameters: 167441  
Minimum DB seq length: 0  
Maximum DB seq length: 20000000000

Post-processing: Minimum Match: 0.8  
Maximum Match: 100%

Listing first 45 summaries

Published Applications\_AA:  
1: /cgn2\_5/protdata/2/pubpaa/US08-NEW\_PUB\_PEP.\*  
2: /cgn2\_5/protdata/2/pubpaa/US08-NEW\_PUB\_PEP.\*  
3: /cgn2\_5/protdata/2/pubpaa/US08-NEW\_PUB\_PEP.\*  
4: /cgn2\_5/protdata/2/pubpaa/US08-NEW\_PUB\_PEP.\*  
5: /cgn2\_5/protdata/2/pubpaa/US08-NEW\_PUB\_PEP.\*  
6: /cgn2\_5/protdata/2/pubpaa/US08-NEW\_PUB\_PEP.\*  
7: /cgn2\_5/protdata/2/pubpaa/US08-NEW\_PUB\_PEP.\*  
8: /cgn2\_5/protdata/2/pubpaa/US08-NEW\_PUB\_PEP.\*  
9: /cgn2\_5/protdata/3/2/pubpaa/US08-NEW\_PUB\_PEP.\*  
10: /cgn2\_6/protdata/2/pubpaa/US08-NEW\_PUB\_PEP.\*  
11: /cgn2\_6/protdata/2/pubpaa/US08-NEW\_PUB\_PEP.\*  
12: /cgn2\_6/protdata/2/pubpaa/US08-NEW\_PUB\_PEP.\*  
13: /cgn2\_6/protdata/2/pubpaa/US08-NEW\_PUB\_PEP.\*  
14: /cgn2\_6/protdata/2/pubpaa/US08-NEW\_PUB\_PEP.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARY

8  
Result No., Score, Query Match, Length, DB ID, Description

Result No.	Score	Query Match	Length	DB ID	Description
1	5.0	100.0	635	16 US-09-856-242-9396	Sequence: 836, App
2	3.9	65.0	57	10 US-09-864-761-41065	Sequence: 44065, App
3	3.9	65.0	405	10 US-09-863-475A-8	Sequence: 8, App
4	3.5	58.3	46	10 US-09-864-761-55608	Sequence: 45608, App
5	3.5	58.3	235	10 US-09-947-442-2	Sequence: 2, App
6	3.5	58.3	246	9 US-09-738-e2e-6977	Sequence: 2, App
7	3.5	58.3	721	12 US-10-025-187-2	Sequence: 20, App
8	34.5	57.5	149	10 US-09-904-536-20	Sequence: 1620, App
9	34	56.7	333	10 US-09-828-413-33	Sequence: 4952, App
10	34	56.7	468	10 US-09-625-166-1620	Sequence: 1019, App
11	34	56.7	481	10 US-09-815-242-952	Sequence: 481, App
12	3.4	56.7	489	10 US-09-815-242-9791	Sequence: 48, App
13	3.3	55.0	166	10 US-09-934-868-48	Sequence: 2, App
14	3.3	55.0	228	10 US-09-900-715-2	Sequence: 712, App
15	3.3	55.0	374	10 US-09-925-102-711	Sequence: 625, App
16	3.3	55.0	645	9 US-09-764-868-625	Sequence: 11869, App
17	3.3	55.0	663	10 US-09-815-242-11869	Sequence: 2, App
18	3.3	55.0	26976	9 US-09-750-500R-2	Sequence: 34118, App
19	3.2	53.3	86	10 US-09-864-761-34118	Sequence: 34118, App

US-09-925-299-896

RESULT 1  
US-09-925-299-896  
Sequence: 846, Application, US-09-925-299-896  
Patent No.: US00922055677A1  
GENERAL INFORMATION:  
APPLICANT: Rosen et al.  
TITLE OF INVENTION: Novelty, Antibodies, Proteins and Antibodies

FILE REFERENCE: F102  
CURRENT APPLICANT NUMBER: US-09-935-299  
CURRENT FILING DATE: 2001-08-10  
PCT/US01-0883  
PCT FILING DATE: 2001-08-08  
PCT/US01-0883  
PCT/US01-0883  
PCT FILING DATE: 1998-03-12  
NUMBER OF SEQ ID NOS: 1556  
SOFTWARE: PatentIn Ver 2.0  
SEQ ID NO: 896  
LENGTH: 635  
TYPE: PCT  
ORGANISM: Homo sapiens

US-09-925-299-896  
Query Match: 100.0%; Best Local Similarity: 100.0%; Score: 60; DB 10; Length: 635;  
Matches: 12; Conservative: 0; Mismatches: 0; Indexes: 0; Gaps: 0;  
Qy 1 EELMLQDYE 12  
Db 394 EELMLQDYE 435  
RESULT 2  
US-09-864-761-44065  
Sequence: 44065, Application US-09864761  
Patent No.: US0020048763A1  
GENERAL INFORMATION:  
APPLICANT: Petri, Sharpen, G.  
AFFILIANT: Hand, David R.  
AFFILIANT: Hand, David K.  
APPLICANT: Chen, Wensteng  
TITLE OF INVENTION: HUMAN GENOME DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR GENE EXPRESSION ANALYSIS BY MICROARRAY



```

: PRIORITY APPLICATION NUMBER: PCT/US01/00666
: PRIORITY FILING DATE: 2001-01-10
: PRIORITY APPLICATION NUMBER: PCT/US01/00667
: PRIORITY FILING DATE: 2001-01-10
: PRIORITY APPLICATION NUMBER: PCT/US01/00664
: PRIORITY FILING DATE: 2001-01-10
: PRIORITY APPLICATION NUMBER: PCT/US01/00669
: PRIORITY FILING DATE: 2001-01-10
: PRIORITY APPLICATION NUMBER: PCT/US01/00665
: PRIORITY FILING DATE: 2001-01-10
: PRIORITY APPLICATION NUMBER: PCT/US01/00668
: PRIORITY FILING DATE: 2001-01-10
: PRIORITY APPLICATION NUMBER: PCT/US01/00663
: PRIORITY FILING DATE: 2001-01-10
: PRIORITY APPLICATION NUMBER: PCT/US01/00662
: PRIORITY FILING DATE: 2001-01-30
: PRIORITY APPLICATION NUMBER: PCT/US01/00661
: PRIORITY FILING DATE: 2001-01-30
: PRIORITY APPLICATION NUMBER: PCT/US01/00670
: PRIORITY FILING DATE: 2001-01-10
: PRIORITY APPLICATION NUMBER: US 60/234,687
: PRIORITY FILING DATE: 2000-09-21
: PRIORITY APPLICATION NUMBER: US 09/608,408
: PRIORITY FILING DATE: 2000-06-30
: PRIORITY APPLICATION NUMBER: US 09/774,203
: PRIORITY FILING DATE: 2001-01-29
: NUMBER OF SEQ ID NOS: 49117
: SOFTWARE: Anomax Sequence Editor Engine vers 1.1
: SEQ ID NO: 45608
: LENGTH: 46
: TYPE: PRT
: ORGANISM: Homo sapiens
: FEATURE:
: OTHER INFORMATION: MAP TO AC009155.3
: OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.65
: OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.62
: OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.98
: OTHER INFORMATION: EST HUMAN HIT: AL138321.1, EVALUE 5.00E-11
: OTHER INFORMATION: SWISSPROT HIT: P45891, EVALUE 8.29E-00
US-09-864-761-45608

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Query Match 58.3%; Score 35; DB 10; Length 46;
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Best Local Similarity 50.0%; Pred. No. 6.5; Matches 6; Conservative 4; Mismatches 2; Indels 0; Gaps 0; Gaps 0;
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```
Qy 1 EELMLRLQDYE 12
```

```
Db 32 QNLLELRNYYE 43
```

```
RESULT 5
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```
US-09-947-442-2
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: Sequence 2, Application US/09947442
```

```
: GENERAL INFORMATION
```

```
: APPLICANT: BATHE, BRIGITTE
```

```
: APPLICANT: SCHROEDER, INDRA
```

```
: APPLICANT: PFEFFERLE, WALTER
```

```
: TITLE OF INVENTION: NUCLEOTIDE SEQUENCES WHICH CODE FOR THE GPMH GENE
```

```
: FILE REFERENCE: 130705X
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: CURRENT APPLICATION NUMBER: US/07/947,442
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: CURRENT FILING DATE: 2001-09-07
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: PRIORITY APPLICATION NUMBER: DE 1004472.4
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: PRIORITY FILING DATE: 2000-09-09
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: NUMBER OF SEQ ID NOS: 4
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: SOFTWARE: PatentIn version 3.1
```

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: SEQ ID NO: 2
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```
: LENGTH: 235
```

```
: TYPE: PRT
```

```
: ORGANISM: Corynebacterium glutamicum
```

```
US-09-947-442-2
```

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Query Match 58.3%; Score 35; DB 10; Length 235;
Best Local Similarity 50.0%; Pred. No. 36; Matches 6; Conservative 4; Mismatches 2; Indels 0; Gaps 0; Gaps 0;
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Qy 1 EELMLRLQDYE 12
```

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: : : : : 1 : 1 : 1
```

```
Db 134 DELMVSLLDWDDE 145
```

```
RESULT 6
```

```
US-09-738-626-6077
```

```
: Sequence 6,777, Application US/097386265
```

```
: File Ref. No. US 09/7386265A1
```

```
: GENERAL INFORMATION
```

```
: APPLICANT: NAKAGAWA, SATOSHI
```

```
: APPLICANT: MIZOGUCHI, HIROSHI
```

```
: APPLICANT: ANEC, SEIKO
```

```
: APPLICANT: HAYASHI, MIKIKO
```

```
: APPLICANT: OCHIAI, KEIKO
```

```
: APPLICANT: YOKO, HARUHIKO
```

```
: APPLICANT: TATEISHI, NAOKO
```

```
: APPLICANT: SENOH, AKIHIRO
```

```
: APPLICANT: IKEDA, MASATO
```

```
: APPLICANT: OZAKI, AKIO
```

```
: TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
```

```
: FILE REFERENCE: 249-125
```

```
: CURRENT APPLICATION NUMBER: US 09/718,626
```

```
: PRIORITY APPLICATION NUMBER: JP 99/377484
```

```
: PRIORITY FILING DATE: 1994-12-16
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: PRIORITY APPLICATION NUMBER: JP 00/159152
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```
: PRIORITY FILING DATE: 2000-04-07
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: PRIORITY APPLICATION NUMBER: JP 00/280988
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```
: PRIORITY FILING DATE: 2000-08-03
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: NUMBER OF SEQ ID NOS: 7059
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: SOFTWARE: PatentIn ver. 3.0
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: SEQ ID NO: 6077
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```
: LENGTH: 236
```

```
: TYPE: PRT
```

```
: ORGANISM: Corynebacterium glutamicum
```

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Query Match 58.3%; Score 35; DB 3; Length 236;
```

```
Best Local Similarity 50.0%; Pred. No. 36; Matches 6; Conservative 4; Mismatches 2; Indels 0; Gaps 0; Gaps 0;
```

```
Qy 1 EELMLRLQDYE 12
```

```
: : : : : 1 : 1 : 1
```

```
Db 134 DELMVSLLDWDDE 145
```

```
RESULT 7
```

```
US-09-738-626-6077
```

```
: Sequence 7, Application US/097386265
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```
: File Ref. No. US 09/7386265A1
```

```
: GENERAL INFORMATION
```

```
: APPLICANT: NISHIMURA, DARRYL
```

```
: APPLICANT: STONE, EDWARD
```

```
: TITLE OF INVENTION: A BARDET-BIEDL SUSCEPTIBILITY GENE AND USES THEREOF
```

```
: FILE REFERENCE: IOWA04AUS
```

```
: CURRENT APPLICATION NUMBER: 2001-12-18
```

```
: PRIORITY APPLICATION NUMBER: 6,0/256,900
```

```
: PRIORITY FILING DATE: 2001-12-19
```

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: NUMBER OF SEQ ID NOS: 3
```

```
: SOFTWARE: PatentIn Ver. 2.1
```

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: SEQ ID NO: 2
```

```
: LENGTH: 721
```

```
: TYPE: PRT
```

```
: ORGANISM: Homo sapiens
```

```
US-10-625-187-2
```



SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO: 4952 LENGTH: 481  
 TYPE: PRT ORGANISM: *Enterococcus faecalis* TS-00-R15-242-4952

Query Match 56.78; Score 34; DR 10; Length 481;  
 Best Local Similarity 58.38; Pred. No. 1.1e+03;  
 Matches 7; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 EELMLRQDYEE 12  
 || : ||:|| ||| 36  
 Db 25 EETLNRIQDTEE 36

RESULT 12  
 US-09-815-242-10791  
 Sequence 10791, Application US-09815242  
 Patent No. US20020061569A1  
 GENERAL INFORMATION:  
 APPLICANT: Hasebeck, Robert  
 APPLICANT: Ohlsen, Kari L.  
 APPLICANT: Zyskind, Judith W.  
 APPLICANT: Wall, Daniel  
 APPLICANT: Trawick, John D.  
 APPLICANT: Carr, Grant J.  
 APPLICANT: Yamamoto, Robert T.  
 APPLICANT: Xu, H. Howard  
 TITLE OF INVENTION: Identification of Essential genes in  
 TITLE OF INVENTION: Prokaryotes  
 FILE REFERENCE: ELITRA.011A  
 CURRENT APPLICATION NUMBER: US/09/815.242  
 CURRENT FILING DATE: 2001-03-21  
 PRIOR APPLICATION NUMBER: 60/138-21  
 PPTOR FILING DATE: 2000-03-21  
 PPTOR APPLICATION NUMBER: 60/206,848  
 PPTOR FILING DATE: 2000-05-23  
 PPTOR APPLICATION NUMBER: 60/207,727  
 PPTOR FILING DATE: 2000-05-26  
 PPTOR FILING DATE: 2000-10-23  
 PPTOR APPLICATION NUMBER: 60/242,578  
 PPTOR FILING DATE: 2000-11-27  
 PPTOR APPLICATION NUMBER: 60/257,931  
 PPTOR FILING DATE: 2000-12-22  
 PPTOR APPLICATION NUMBER: 60/269,308  
 PPTOR FILING DATE: 2001-02-16  
 NUMBER OF SEQ ID NOS: 14110  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO: 10791 LENGTH: 489  
 TYPE: PRT ORGANISM: *Enterococcus faecalis* TS-00-R15-242-10791

Query Match 56.78; Score 34; DR 10; Length 489;  
 Best Local Similarity 58.38; Pred. No. 1.1e+03;  
 Matches 7; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 EELMLRQDYEE 12  
 || : ||:|| ||| 39  
 Db 28 EETLNRIQDTEE 39

RESULT 13  
 US-09-934-868-48  
 Sequence 13, Application US-09925302  
 Patent No. US200404941A1  
 GENERAL INFORMATION:  
 APPLICANT: Rosen et al.  
 TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies  
 FILE REFERENCE: PA04  
 CURRENT APPLICATION NUMBER: US/09/925,302  
 CURRENT FILING DATE: 2001-08-10  
 PPTOR APPLICATION NUMBER: PCT/US00/05918  
 PPTOR FILING DATE: 2000-03-08

